

EROSION CONTROL PRODUCTS
DOTD Designation: S 613-03

I. General

A. Equipment

1. Plastic bags or other suitable containers for samples.
2. Suitable cutting devices for obtaining samples from rolls.
3. Miscellaneous items such as tape or string in order to secure samples by wrapping or tying.
4. DOTD lot number stamp with an ink pad.
5. MATT forms and envelopes.

B. Safety Precautions

It is the responsibility of the user of this sampling method to establish appropriate safety practices including, but not limited to, exposure to flammable and hazardous materials and heavy lifting.

II. Roll-type Erosion Control Products

Note: Sample size is as listed in Sampling Manual. Exercise caution when cutting material. In cases materials is lost in sampling, sample entire roll. In cases where significant amounts of fiber will be lost if the roll is cut, the sample shall consist of the entire roll.

A. Sampling at an approved warehouse (Louisiana Warehouse Only)

1. Warehouse Responsibilities:

- a. Notify the District Laboratory in the district in which the warehouse is located and request sampling and testing for lot approval allowing adequate time for scheduling by the District Laboratory and testing by the Materials and Testing Section.
- b. Separate the materials to be sampled into individual rolls according to manufacturer's lot number. Each roll in a DOTD lot of 200 rolls shall have the same manufacturer lot number.
- c. Provide access to enable the District Laboratory personnel to randomly select a representative roll.
- d. Randomly select roll for sampling.
- e. As directed by the District Laboratory personnel, stamp and mark each roll with the DOTD lot number.
- f. After approval of a DOTD lot of rolls, a Certificate of Delivery will accompany each shipment to the job site.
- g. If the lot is not approved, void the DOTD lot number by marking through the number.

2. District Laboratory Responsibilities:

- a. Identify each manufacturer's lot number and material to be tested by DOTD lot.
- b. Randomly select one roll from each different DOTD lot.
- c. Witness the warehouse personnel properly sample the material from the selected roll in accordance with DOTD S 601.
- d. Place sample into plastic bag or container.
- e. Write the DOTD and manufacturer lot numbers on the plastic bag or container.
- f. Once the samples are taken, witness the warehouse personnel stamp and mark each roll of that lot with the DOTD lot number (obtain stamps for this purpose from the Materials and Testing Section).
- g. Place a properly completed, unsoiled sample identification form in an

envelope and securely attach the envelope to the sample container. Forward the samples to the Materials and Testing Section for testing. The disposition of results will be reported by the Materials and Testing Section to the District Laboratory.

- h. For any lot of material not conforming to specifications and receiving a failing report, return to the storage facility to ensure that the supplier of the material has voided the DOTD lot number.

3. Certificate of Delivery from the Warehouse:

Upon receiving approval and a passing laboratory number from the Materials and Testing Section, submit with each DOTD lot of approved material a Certificate of Delivery to the project engineer along with a copy to the Materials and Testing Section.

B. Sampling at Project Site

1. Contractor Responsibilities:

- a. Notify the project personnel and request sampling and testing for approval, allowing adequate time for sample transportation and testing by the Materials and Testing Section.
- b. Separate the materials to be sampled into individual rolls by manufacturer's lot number. Samples should not represent more than 200 rolls of the same Manufacturer's lot.
- c. Provide access to enable the project personnel to randomly select a representative roll.

2. Project Engineer Responsibilities:

- a. Identify each manufacturer's lot number and material to be tested.
- b. Randomly select one roll from each different manufacturer's lot.
- c. Properly Sample the material from the selected roll.
- d. Place the sample in a plastic bag or suitable container.
- e. Write the manufacturer's lot numbers on the sample bag or container.
- f. Place a properly completed, unsoiled sample identification form in an envelope and securely attach the envelope to the sample container. Forward the samples to the Materials and Testing Section for testing. The disposition of results will be reported by the Materials and Testing Section to the project personnel.

III. Bagged Products

A. Sampling at an approved warehouse (Louisiana Warehouse Only)

1. Warehouse Responsibilities:

- A. Notify the District Laboratory in the district in which the warehouse is located and request sampling and testing for lot approval allowing adequate time for scheduling by the District Laboratory and testing by the Materials and Testing Section
- B. Separate the materials to be sampled into individual bags according to manufacturer's lot number. Each bag in a DOTD lot of 200 bags shall have the same Manufacturer's lot number.
- C. Provide access to enable the District Laboratory personnel to randomly select a representative bag.
- D. As directed by the District Laboratory personnel, stamp and mark each bag or sealed pallet with a DOTD lot number.
- E. After approval of a DOTD lot, a certificate of Delivery will accompany each shipment to the job site.
- F. If the lot is not approved, void the DOTD lot number by marking

through the number.

2. **District Laboratory Responsibilities:**

- a. Identify each manufacturer's lot number and material to be tested by DOTD lot.
- b. Randomly select one bag from each different DOTD lot.
- c. Write the DOTD and manufacturer lot numbers on the bag.
- d. Witness the warehouse personnel stamp and mark each bag of that lot with the DOTD lot number (obtain stamps for this purpose from the Materials and Testing Section.)
- e. Place a properly completed, unsoiled sample identification form in an envelope and securely attach the envelope to the selected bag. Forward the sample to the Materials and Testing Section for testing. The disposition of results will be reported by the Materials and Testing Section to the District Laboratory.
- f. For any lot of material not conforming to specifications and receiving a failing report, return to the storage facility to ensure that the supplier of the material has voided the DOTD lot number.

3. **Certificate of Delivery form the Warehouse:**

Upon receiving approval and a passing laboratory number from the Materials and Testing Section, submit with DOTD lot of approved material a Certificate of Delivery to the project engineer along with a copy to the Materials and Testing Section.

B. Sample at Project Site (When not accompanied with a properly completed DOTD Certificate of Delivery indicating material was previously sampled at an in state warehouse and approved by the Materials and Testing Section or is deemed questionable by the Project Engineer.)

1. **Contractor Responsibilities:**

- a. Notify the project personnel and request sampling and testing for approval, allowing adequate time for sample transportation and testing by the Materials and Testing Section.
- b. Separate the materials to be sampled into individual bags by manufacturer's lot number. Samples shall not represent more than 200 rolls of the same manufacturer's lot.
- c. Provide access to enable the project personnel to randomly select a representative bag.

2. **Project Engineer Responsibilities:**

- a. Identify each manufacturer's lot number and material to be tested.
- b. Randomly select on bag from each different manufacturer's lot.
- c. Write the DOTD and manufacturer's lot number on the selected bag.
- d. Place a properly completed, unsoiled sample identification form in an envelope and securely attach the envelope to the bag. Forward the sample to the Materials and Testing Section for testing. The disposition of results will be reported by the Materials and Testing Section to the project personnel.

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
MATERIALS & TESTING SECTION
5080 FLORIDA BLVD., BATON ROUGE, LA 70806

**CERTIFICATE OF DELIVERY
FOR
GROUND GRANULATED BLAST - FURNACE SLAG**

PROJECT NAME _____	P. O. NUMBER _____
PROJECT NUMBER _____	CONTRACTOR _____
CONCRETE PLANT _____	PLANT LOCATION _____

MANUFACTURER	MFG. LOCATION	PRODUCT SOURCE CODE	SUPPLIER	SUPPLIER LOCATION

GRADE	INTENDED USE	MODE OF SHIPPING	VEHICLE NO.	SEAL NO.	DATE SHIPPED	QUANTITY Mg (tons)

Note: LA DOTD specifications require an alkali content of 0.60% or less.

The undersigned certifies that the ground granulated blast-furnace slag in this shipment has been manufactured under strict quality control and complies with the Louisiana Department of Transportation and Development specifications for the intended use and grade of ground granulated blast furnace slag indicated above. ***This certificate is invalid unless signed by an authorized representative of the company.***

COMPANY: _____

BY: _____
(Authorized Company Representative Signature)

- Copies:
- One copy shall accompany all shipments (rail, truck, or barge) of the above listed materials for each project.
 - One copy shall be mailed to the Materials Engineer Administrator, LA DOTD, 5080 Florida Blvd., Baton Rouge, LA 70806.

For DOTD Use:

Approved: _____ Date: _____

Remarks: _____

Shipments will be accepted only when accompanied by this official DOTD certificate form.